



IceSlicer[®]

De-icing

PRODUCT DESCRIPTION

IceSlicer is an all-natural high-performance granular de-icer. IceSlicer is a mined product that is naturally harder than regular road salt, yet still softer than sand. **IceSlicer** is available in many different formulas, so please review what is available to fit your specific needs.

IceSlicer RS — Stream-run fine to extra coarse 3/8", **IceSlicer RS** is ideal for use in general highway and street de-icing. With anti-caking and anti-freezing agents added, **IceSlicer RS** is best applied in a V-box spreader and may be stored outdoors.

IceSlicer Medium — is 100% screened to medium coarseness. This almost dust-free product is produced for use as a packaged de-icer and may be applied using any spreader or by hand. Indoor storage is recommended for **IceSlicer Medium**.

IceSlicer Superblend — is an intermediate fine-to-course de-icer that may be applied using any spreader. Designed to provide optimal traction (*staying power*) and de-icing capability (*melting power*), **IceSlicer Superblend** should be stored indoors.

IceSlicer Elite — is a specially formulated blend containing **IceSlicer** with other ingredients like Caliber De-icer. Corrosion inhibited to protect equipment and structural steel, **IceSlicer Elite** melts at higher snow volumes and lower temperatures than conventional de-icers. With superior snow and ice penetration, **IceSlicer Elite** will meet PNS specifications and is best applied using a V-box spreader.

USES OR APPLICATION

IceSlicer is an environmentally friendly, low-corrosion de-icing product used to break the bond of snow and ice from roadways, walkways, driveways, and parking lots.

WHY USE A SOLID DE-ICING PRODUCT

Liquid chemicals can be a valuable anti-icing addition to the winter maintenance tool box, but there are several reasons to transition to **IceSlicer** as soon as there is enough accumulated precipitation to hold the product to the road.

When applied to the roadway **IceSlicer's** natural grit behaves like sand and provides improved traction.

IceSlicer is a 100% active product which means it takes longer to dilute and there is less clean up. On average, it costs more than \$100 per ton to clean up sand used in traditional de-icing practices. Because less product is required per lane mile, trucks can travel more lane miles per load, allowing you to de-ice the roads more quickly, decrease fuel costs, reduce wear on equipment, and avoid overtime costs.

Because **iceslicer** melts snow and ice more effectively, your roadways can be cleared more quickly. Providing a safer road in less time helps prevent serious accidents and creates less concern over liability issues.

Melting more snow and ice more quickly allows service to secondary roads sooner. Previous customer complaints diminish as secondary roadways and neighborhoods are serviced. In addition to the longer-lasting results, your customers are sure to notice **IceSlicer's** distinctive darker coloration on their roadways. Resident complaints decline because they can see when their road has been treated.



De-icing

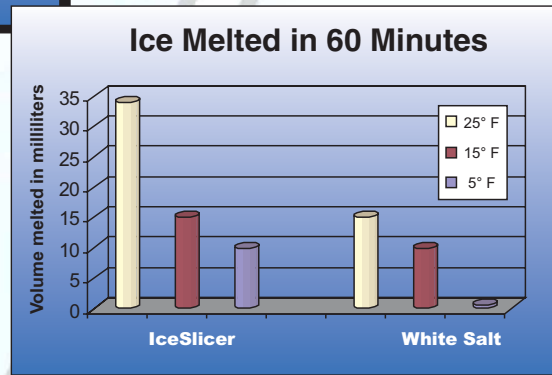
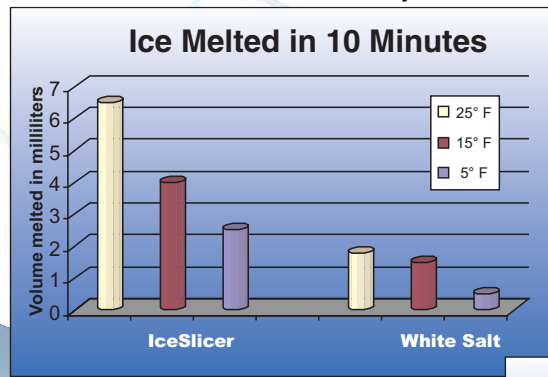
TYPICAL ANALYSIS

MINERAL	PERCENTAGE
Complex Chlorides (magnesium, calcium, sodium, and potassium chloride)	92 – 98%
Sulphur	0.13%
Iron	0.07%
Iodine	0.002%
Zinc	0.001%
Copper	0.0007%
Manganese	0.0007%
Phosphorous	0.00001%
60+ Trace Minerals & Micronutrients	<0.005%

PERFORMANCE AND DIAGRAM

MORE MELTING POWER - Regular road salt stops working when the temperature dips below 17° F, when the roadways can be most dangerous. IceSlicer's unique blend of

natural chlorides melts snow and ice effectively to 0° F, resulting in safer roads at lower temperatures.





ENVIRONMENT

IceSlicer is a more effective product so you can apply much less product to the roadways. Lower application rates minimize the negative impact of introducing chlorides into the environment.

Because of **IceSlicer's** natural grit, you won't need to apply sand to your roadways. This significantly decreases sediment loading on the side of the road and in nearby streams.

Compared to regular road salt,



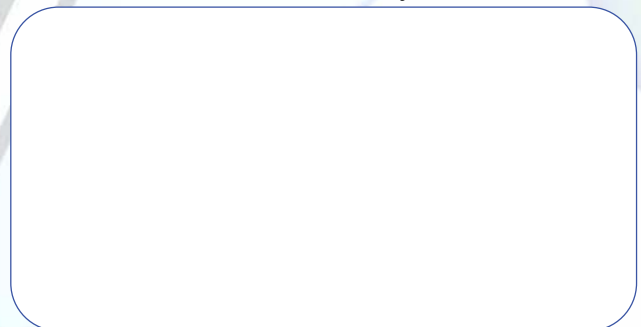
- Melts at Lower Temperatures
- Is Less Corrosive
- Decreases Clean-up Costs
- Melts Longer on the Road
- Has Less Environmental Impact
- Lowers Operating Costs
- Improves Level of Service
- Provides Safer Roads

CORROSION

According to the American Society of Testing and Materials, corrosion damage to structures and equipment costs the United States over \$500 billion every year. **IceSlicer** has been tested using the ASTM B-117 corrosion test, and the results are encouraging: **IceSlicer** is 70% less corrosive on steel than regular white salt.



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